HPM/HBEH 765, EPID 772
Cancer Prevention and Control Seminar -- Fall 2013

228 Rosenau
Tuesdays/Thursdays: 3:30 – 4:45 PM

Michael S. O'Malley, Ph.D. – Instructor (clover@med.unc.edu)
Melissa Mack – Admin Support (emstroud@med.unc.edu)

Objectives

This course introduces participants to the science and practice of cancer prevention and control. The course emphasizes current controversies and events, with a focus on the interdisciplinary nature of the field. Because cancer prevention and control encompasses a multitude of topics, the course is not comprehensive. Instead, learning focuses on selected topics.

Assignments and Grading - Summary

Seminar: An advanced or graduate course often featuring informality and discussion.
(Webster's New Collegiate Dictionary)

The class is a seminar. The vast majority of sessions will feature short student presentations and class discussions. Presentations will focus on the assigned readings. Discussion will build on the presentations and readings.

Most work is organized through groups. The number of groups and individual group assignments will be determined once we have a final class roster. We will aim for four equal-sized groups.

The course has three graded assignments.

1. Seminar Presentations (40%)

The purpose of the seminar presentations is to gain knowledge and to stimulate discussion of issues in cancer prevention and control. At each seminar session, a representative from each group will present and critique one assigned journal article. Over the course of the semester, each student is expected to make an equal number of seminar presentations.

2. Debates (40%)

Each group will participate in a debate. The question for each debate will be a current controversy in cancer prevention and control. Each group will constitute a team of experts representing the 'pro' or 'con' side of a controversial issue confronting NC Advisory Committee on Cancer Coordination and Control. Each group will try to convince the NC Advisory to adopt their position on the issue. See the notes on Debate Process below.

3. Priority Brief – Elevator Speech (20%)

Each student will prepare a written 500 word brief for state legislators that advocates a cancer prevention and control action that will lower North Carolina's cancer burden. The chosen action will be a specific intervention or a policy.(e.g., institute a free QuitLine) rather than a general concept (increase smoking cessation). Your brief should identify the action,

explain why it will lower cancer burden, and demonstrate that the proposed action will be effective.

Please make this easy to read by using double spacing, at least 11 pt font, and margins no smaller than 0.5". You should include references (which do not count against your word count). Briefs are due (emailed to the instructor) by 5 pm on December 6, 2013.

Note: Although a change is unlikely, the instructor reserves the right to change the topic of this final brief. All the other parameters would remain the same. Only the topic would change.

Debate Process

The NC Advisory Committee on Cancer Coordination and Control is meeting to consider adopting a policy position on the question/topic. Students not participating in the debate will constitute the Committee.

In a semi-formal point/counterpoint discussion, the Committee has given each expert group 15 minutes to present a case (using PowerPoint or other visual aids) for or against the position. The first group to present will be decided by a random process (coin flip).

Following the initial presentations, each group will have three minutes to collect thoughts and then five minutes for rebuttal of the opposing viewpoint. Following the rebuttals, each group will have three minutes to collect thoughts and then present a two minute concluding summary.

Following the presentations, rebuttals, and summaries, the moderator will allow questions from the Committee. Questions will be directed to one group or the other; however, both groups will be allowed to respond.

Following the question and answer period, the Committee will vote whether to adopt the policy position.

Notes: The debate outcome/vote is not related to students' grades! Grades will be based upon quality/accuracy of the content provided, rhetorical quality of the position (logical, etc), quality of the presentation (clarity, appropriate slides, etc). In addition, the ability to think on one's feet, as demonstrated in rebuttal and summary, will also be considered. Preparation (research into the opposing position) helps considerably.

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Class/Date	Topic	Leaders
1. Aug. 20	Introduction	Michael O'Malley UNC Lineberger Comprehensive Cancer Center
2. Aug. 22	Top 5 / Resources	O'Malley, Students
3. Aug. 27	Cancer Prevention and Control: Overview	O'Malley
4. Aug. 29	Trends and Dimensions	Students
5. Sept. 3	Disparities	Students
6. Sept. 5	Environment	Students
7. Sept. 10	Genetics	Students
8. Sept. 12	HPV and Cervical Cancer	Students
9. Sept. 17	UV Exposure	Students
10. Sept. 19	Early Detection – Basics	Students
11. Sept. 24	Prostate Cancer Screening - Evidence	Students
12. Sept. 26	Prostate Cancer Screening – Intervention	Students
13. Oct. 1	Debate	Students
14. Oct. 3	Debate	Students
15. Oct. 8	GYN Cancer	Vickie Bae Jump, MD PhD
16. Oct. 10	Breast Cancer	Carey Anders, MD
17. Oct. 15	Lung Cancer Screening	Students
Oct. 17	Fall Break – No Class	

Class/Date	Topic	Leaders
18. Oct. 22	Chemoprevention – Breast Cancer	Students
19. Oct. 24	Chemoprevention – Colon Cancer	Students
20. Oct. 29	Tobacco Control – Evidence	Students
21. Oct. 31	Tobacco Control – Intervention	Students
22. Nov. 5	Tobacco Control – Policy	Students
23. Nov. 7	Diet & Physical Activity – Evidence	Students
24. Nov. 12	Diet & Physical Activity – Intervention	Students
25. Nov. 14	Diet & Physical Activity – Policy	Students
26. Nov. 19	Survivorship - Dimensions	Students
27. Nov. 21	Survivorship - Intervention	Students
28. Nov. 26	Research to Action	Students
Nov. 28	Thanksgiving – No Class	
29. Dec. 3	Summary / Last Thoughts	Students, O'Malley
Dec. 6	Briefs Due, 5:00 PM	

Aug 26: Last day for late registration.

Dec 4: Last day of classes.

Dec 6: Exams begin; Dec. 5, 11: Reading days; Dec 13: Exams end; Dec 15: Fall Commencement.

Debate topics

The e-cigarette is a non-tobacco product that mimics smoking with water vapor while delivering a dose of nicotine. The NC Advisory Committee has been asked for a position on the regulation of e-cigarette use. The Pro side believes that e-cigarettes could be a tobacco harm reduction strategy for adults who smoke and oppose restrictions on use and the levying of consumption taxes. The Con side believes that e-cigarettes should be treated the same as cigarettes in terms of use restrictions and taxes.

To reduce health care costs and promote healthier living, some argue that adults in the NC State Health Plan whose behaviors harm their health should pay more for their health insurance. The NC Advisory Committee has been asked for a position on differential consumer costs based on behavior. The Pro side believes that adults who smoke and/or who are significantly obese (BMI > 35) should pay higher insurance premiums and/or co-payments. The Con side believes that adults who smoke and/or are obese should have the same premiums and co-pays as others.

DRAFT as of August 25, 2013

Assigned Readings

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Preliminary Notes

These are the **assigned** readings. On most days there are four assigned articles with one article assigned to each group. On some days, the assignment includes a bonus article or two for everyone to read. On other days, there are either no readings or articles that everyone should read.

The listings below link to abstracts and articles through PubMed via the UNC proxy listing. Sometimes you may need to connect to the article through the "Find at UNC" button and under "Find it online" choose "Go Directly to – Article." If you have trouble getting to the actual article, let me know.

If you have or discover interesting readings on a topic, please bring them to my and the class's attention. Sharing advances our understanding.

Presentation Order and Group Assignment

The articles are in presentation order. The first article in the list is presented first, etc. The group presenting each article is listed to the left. A random number generator helped determine group assignments.

Questions to Think About

Throughout the semester, our presentations and discussions will often circle around several basic and not always resolvable questions:

- How much evidence do we need to start doing something? Conversely, how much evidence do we need to stop doing something?
- Interventions have harms as well as benefits. When do harms outweigh the benefits?
- With limited resources available, how do we evaluate the trade-offs and opportunity costs and decide to invest in A over B and C?
- Where is the balance between individual rights and societal needs?

Readings

1. Aug. 20 -- Introduction

No Readings.

2. Aug. 22 – Top 5 / Resources

Everyone reads these articles.

Young JM, Solomon MJ. How to critically appraise an article. Nat Clin Pract Gastroenterol Hepatol. 2009 Feb;6(2):82-91. Epub 2009 Jan 20. Review. PubMed PMID: 19153565

http://www.ncbi.nlm.nih.gov/pubmed/19153565

Smith GC, Pell JP. Parachute use to prevent death and major trauma related to gravitational challenge: systematic review of randomised controlled trials. BMJ. 2003 Dec 20;327(7429):1459-61. Review. PubMed PMID: 14684649; PubMed Central PMCID: PMC300808.

http://www.ncbi.nlm.nih.gov/pubmed/14684649

Rosenbaum S. The Patient Protection and Affordable Care Act: implications for public health policy and practice. Public Health Rep. 2011 Jan-Feb;126(1):130-5. PubMed PMID: 21337939; PubMed Central PMCID: PMC3001814.

http://www.ncbi.nlm.nih.gov/pubmed/21337939

Note – For your interest, a copy of the Affordable Care Act (all 900 pages) is in the Resources / Course Documents folder on the webpage.

3. Aug. 27 – Cancer Prevention and Control: Overview

Everyone reads these articles.

Jemal A, Simard EP, Dorell C, Noone AM, Markowitz LE, Kohler B, Eheman C, Saraiya M, Bandi P, Saslow D, Cronin KA, Watson M, Schiffman M, Henley SJ, Schymura MJ, Anderson RN, Yankey D, Edwards BK. Annual Report to the Nation on the Status of Cancer, 1975-2009, Featuring the Burden and Trends in Human Papillomavirus (HPV)-Associated Cancers and HPV Vaccination Coverage Levels. J Natl Cancer Inst. 2013 Jan 7. [Epub ahead of print] PubMed PMID: 23297039.

http://www.ncbi.nlm.nih.gov/pubmed/23297039

Colditz GA, Wolin KY, Gehlert S. Applying what we know to accelerate cancer prevention. Sci Transl Med. 2012 Mar 28;4(127):127rv4. PubMed PMID: 22461645.

http://www.ncbi.nlm.nih.gov/pubmed/22461645

McCullough ML, Patel AV, Kushi LH, Patel R, Willett WC, Doyle C, Thun MJ, Gapstur SM. Following cancer prevention guidelines reduces risk of cancer, cardiovascular disease, and all-cause mortality. Cancer Epidemiol Biomarkers Prev. 2011 Jun;20(6):1089-97. Epub 2011 Apr 5. PubMed PMID: 21467238.

http://www.ncbi.nlm.nih.gov/pubmed/21467238

4. August 29 – Trends and Dimensions

Group	Article
1.	Smith BD, Smith GL, Hurria A, Hortobagyi GN, Buchholz TA. Future of cancer incidence in the United States: burdens upon an aging, changing nation. J Clin Oncol. 2009 Jun 10;27(17):2758-65. **http://www.ncbi.nlm.nih.gov/pubmed/19403886**
3.	Mariotto AB, Yabroff KR, Shao Y, Feuer EJ, Brown ML. Projections of the cost of cancer care in the United States: 2010-2020. J Natl Cancer Inst. 2011 Jan 19;103(2):117-28. Epub 2011 Jan 12. Erratum in: J Natl Cancer Inst. 2011 Apr 20;103(8):699. PubMed PMID: 21228314; PubMed Central PMCID: PMC3107566. **http://www.ncbi.nlm.nih.gov/pubmed/21228314**
4.	de Moor JS, Mariotto AB, Parry C, Alfano CM, Padgett L, Kent EE, Forsythe L, Scoppa S, Hachey M, Rowland JH. Cancer survivors in the United States: prevalence across the survivorship trajectory and implications for care. Cancer Epidemiol Biomarkers Prev. 2013 Apr;22(4):561-70. doi: 10.1158/1055-9965.EPI-12-1356. Epub 2013 Mar 27. PubMed PMID: 23535024; PubMed Central PMCID: PMC3654837. **http://www.ncbi.nlm.nih.gov/pubmed/23535024**
2.	Soerjomataram I, Lortet-Tieulent J, Parkin DM, Ferlay J, Mathers C, Forman D, Bray F. Global burden of cancer in 2008: a systematic analysis of disability-adjusted life-years in 12 world regions. Lancet. 2012 Nov 24;380(9856):1840-50. doi: 10.1016/S0140-6736(12)60919-2. Epub 2012 Oct 16. PubMed PMID: 23079588. **http://www.ncbi.nlm.nih.gov/pubmed/23079588**

5. Sept. 3 – Disparities

Group	Article
3.	Ward EM, Fedewa SA, Cokkinides V, Virgo K. The association of insurance and stage at diagnosis among patients aged 55 to 74 years in the national cancer database. Cancer J. 2010 Nov-Dec;16(6):614-21. doi: 10.1097/PPO.0b013e3181ff2aec. PubMed PMID: 21131794. **http://www.ncbi.nlm.nih.gov/pubmed/21131794**
2.	Silber JH, Rosenbaum PR, Clark AS, Giantonio BJ, Ross RN, Teng Y, Wang M, Niknam BA, Ludwig JM, Wang W, Even-Shoshan O, Fox KR. Characteristics associated with differences in survival among black and white women with breast cancer. JAMA. 2013 Jul 24;310(4):389-97. doi: 10.1001/jama.2013.8272. PubMed

	PMID:23917289. **http://www.ncbi.nlm.nih.gov/pubmed/23917289**
1.	Carey LA, Perou CM, Livasy CA, et al. Race, breast cancer subtypes, and survival in the Carolina Breast Cancer Study. JAMA. 2006 Jun 7;295(21):2492-502. **http://www.ncbi.nlm.nih.gov/pubmed/16757721**
4.	Kahn KL, Adams JL, Weeks JC, Chrischilles EA, Schrag D, Ayanian JZ, Kiefe CI, Ganz PA, Bhoopalam N, Potosky AL, Harrington DP, Fletcher RH. Adjuvant chemotherapy use and adverse events among older patients with stage III colon cancer. JAMA. 2010 Mar 17;303(11):1037-45. PubMed PMID: 20233821; PubMed Central PMCID: PMC2893553. **http://www.ncbi.nlm.nih.gov/pubmed/20233821**

Bonus articles

Haile RW, John EM, Levine AJ, Cortessis VK, Unger JB, Gonzales M, Ziv E, Thompson P, Spruijt-Metz D, Tucker KL, Bernstein JL, Rohan TE, Ho GY, Bondy ML, Martinez ME, Cook L, Stern MC, Correa MC, Wright J, Schwartz SJ, Baezconde-Garbanati L, Blinder V, Miranda P, Hayes R, Friedman-Jiménez G, Monroe KR, Haiman CA, Henderson BE, Thomas DC, Boffetta P. A review of cancer in U.S. Hispanic populations. Cancer Prev Res (Phila). 2012 Feb;5(2):150-63. doi:10.1158/1940-6207.CAPR-11-0447. Review. PubMed PMID: 22307564.

http://www.ncbi.nlm.nih.gov/pubmed/22307564

Gehlert S, Colditz GA. Cancer disparities: unmet challenges in the elimination of disparities. Cancer Epidemiol Biomarkers Prev. 2011 Sep;20(9):1809-14. doi:10.1158/1055-9965.EPI-11-0628. Epub 2011 Jul 22. PubMed PMID: 21784956; PubMed Central PMCID: PMC3321217.

http://www.ncbi.nlm.nih.gov/pubmed/21784956

6. Sept. 5 – Environment

Group	Article
1.	Zeig-Owens R, Webber MP, Hall CB, Schwartz T, Jaber N, Weakley J, Rohan TE, Cohen HW, Derman O, Aldrich TK, Kelly K, Prezant DJ. Early assessment of cancer outcomes in New York City firefighters after the 9/11 attacks: an observational cohort study. Lancet. 2011 Sep 3;378(9794):898-905. PubMed PMID: 21890054. **http://www.ncbi.nlm.nih.gov/pubmed/21890054**
4.	Hosgoodiii HD, Chapman RS, He X, Hu W, Tian L, Liu LZ, Lai H, Chen W, Rothman N, Lan Q. History of lung disease and risk of lung cancer in a population with high household fuel combustion exposures in rural China. Lung Cancer. 2013 Jul 25.

	doi:pii: S0169-5002(13)00302-4. 10.1016/j.lungcan.2013.06.019. [Epub ahead of print] PubMed PMID: 23891511. **http://www.ncbi.nlm.nih.gov/pubmed/23891511**
2.	Frei P, Poulsen AH, Johansen C, Olsen JH, Steding-Jessen M, Schüz J. Use of mobile phones and risk of brain tumours: update of Danish cohort study. BMJ. 2011 Oct 19;343:d6387. doi: 10.1136/bmj.d6387. PubMed PMID: 22016439; PubMed Central PMCID: PMC3197791. **http://www.ncbi.nlm.nih.gov/pubmed/22016439**
3.	Ludwig J, Sanbonmatsu L, Gennetian L, Adam E, Duncan GJ, Katz LF, Kessler RC, Kling JR, Lindau ST, Whitaker RC, McDade TW. Neighborhoods, obesity, and diabetes--a randomized social experiment. N Engl J Med. 2011 Oct 20;365(16):1509-19. PubMed PMID: 22010917. **http://www.ncbi.nlm.nih.gov/pubmed/22010917**

Bonus articles

Williams, F. How a Bunch of Scrappy Marines Could Help Vanquish Breast Cancer. Mother Jones. May/June 2012 Issue

http://www.motherjones.com/environment/2012/05/camp-lejeune-marines-breast-cancer-florence-williams

Lawmakers, victims concerned over CDC decision not to overhaul Camp Lejeune health assessment. The Associated Press, August 2013 (Energy and Environment, Washington Post, August 16, 2013)

http://www.washingtonpost.com/national/energy-environment/lawmakers-victims-concerned-over-cdc-decision-not-to-overhaul-camp-lejeune-health-assessment/2013/08/16/cbadd2f4-06d3-11e3-bfc5-406b928603b2_story.html

7. Sept. 10 – Genetics

Group	Article
2.	Mavaddat N, Peock S, Frost D, Ellis S, Platte R, Fineberg E, Evans DG, Izatt L, Eeles RA, Adlard J, Davidson R, Eccles D, Cole T, Cook J, Brewer C, Tischkowitz M, Douglas F, Hodgson S, Walker L, Porteous ME, Morrison PJ, Side LE, Kennedy MJ, Houghton C, Donaldson A, Rogers MT, Dorkins H, Miedzybrodzka Z, Gregory H, Eason J, Barwell J, McCann E, Murray A, Antoniou AC, Easton DF; EMBRACE. Cancer risks for BRCA1 and BRCA2 mutation carriers: results from prospective analysis of EMBRACE. J Natl Cancer Inst. 2013 Jun 5;105(11):812-22. doi: 10.1093/jnci/djt095. Epub 2013 Apr 29. PubMed PMID: 23628597. **http://www.ncbi.nlm.nih.gov/pubmed/23628597**

4.	Cecil JE, Tavendale R, Watt P, Hetherington MM, Palmer CN. An obesity-associated FTO gene variant and increased energy intake in children. N Engl J Med. 2008 Dec 11;359(24):2558-66. PubMed PMID: 19073975. **http://www.ncbi.nlm.nih.gov/pubmed/19073975**
3.	Leighton JW, Valverde K, Bernhardt BA. The general public's understanding and perception of direct-to-consumer genetic test results. Public Health Genomics. 2012;15(1):11-21. Epub 2011 Jun 30. **http://www.ncbi.nlm.nih.gov/pubmed/21720148**
1.	Matloff ET, Bonadies DC, Moyer A, Brierley KL. Changes in specialists' perspectives on cancer genetic testing, prophylactic surgery and insurance discrimination: then and now. J Genet Couns. 2013 Jul 13. [Epub ahead of print] PubMed PMID: 23852268. **http://www.ncbi.nlm.nih.gov/pubmed/23852268**

Bonus articles

US Preventive Services Task Force. Risk Assessment, Genetic Counseling, and Genetic Testing for BRCA-Related Cancer: U.S. Preventive Services Task Force Recommendation Draft Statement

http://www.uspreventiveservicestaskforce.org/uspstf12/brcatest/brgenfact.pdf

Kesselheim AS, Cook-Deegan RM, Winickoff DE, Mello MM. Gene Patenting – The Supreme Court Finally Speaks. N Engl J Med. 2013 Jul 10. [Epub ahead of print] PubMed PMID: 23841703.

http://www.ncbi.nlm.nih.gov/pubmed/23841703

Jolie A. My Medical Choice. New York Times. Published: May 14, 2013 1712

http://www.nytimes.com/2013/05/14/opinion/my-medical-choice.html?_r=0

Ziogas A, Horick NK, Kinney AY, Lowery JT, Domchek SM, Isaacs C, Griffin CA, Moorman PG, Edwards KL, Hill DA, Berg JS, Tomlinson GE, Anton-Culver H, Strong LC, Kasten CH, Finkelstein DM, Plon SE. Clinically relevant changes in family history of cancer over time. JAMA. 2011 Jul 13;306(2):172-8. PubMed PMID: 21750294.

http://www.ncbi.nlm.nih.gov/pubmed/21750294

Khoury MJ, Gwinn ML, Glasgow RE, Kramer BS. A population approach to precision medicine. Am J Prev Med. 2012 Jun;42(6):639-45. doi: 10.1016/j.amepre.2012.02.012. PubMed PMID: 22608383; PubMed Central PMCID:PMC3629731.

http://www.ncbi.nlm.nih.gov/pubmed/22608383

8. Sept. 12 – HPV and Cervical Cancer

Group	Article
4.	Kreimer AR, Rodriguez AC, Hildesheim A, Herrero R, Porras C, Schiffman M,González P, Solomon D, Jiménez S, Schiller JT, Lowy DR, Quint W, Sherman ME, Schussler J, Wacholder S; for the CVT Vaccine Group. Proof-of-principle evaluation of the efficacy of fewer than three doses of a bivalent HPV16/18 vaccine. J Natl Cancer Inst. 2011 Oct 5;103(19):1444-51. doi: 10.1093/jnci/djr319. Epub 2011 Sep 9. PMID: 21908768. **http://www.ncbi.nlm.nih.gov/pubmed/21908768**
3.	Giuliano AR, Palefsky JM, Goldstone S, Moreira ED Jr, Penny ME, Aranda C, Vardas E, Moi H, Jessen H, Hillman R, Chang YH, Ferris D, Rouleau D, Bryan J, Marshall JB, Vuocolo S, Barr E, Radley D, Haupt RM, Guris D. Efficacy of quadrivalent HPV vaccine against HPV Infection and disease in males. N Engl J Med. 2011 Feb 3;364(5):401-11. Erratum in: N Engl J Med. 2011 Apr 14;364(15):1481. PubMed PMID: 21288094. **http://www.ncbi.nlm.nih.gov/pubmed/21288094**
1.	Moss JL, Gilkey MB, Reiter PL, Brewer NT. Trends in HPV vaccine initiation among adolescent females in North Carolina, 2008-2010. Cancer Epidemiol Biomarkers Prev. 2012 Nov;21(11):1913-22. doi: 10.1158/1055-9965.EPI-12-0509. Epub 2012 Sep 20. PubMed PMID: 23001239; PubMed Central PMCID: PMC3712347. **http://www.ncbi.nlm.nih.gov/pubmed/23001239**
2.	Perkins RB, Anderson BL, Sheinfeld Gorin S, Schulkin JA. Challenges in cervical cancer prevention: a survey of u.s. obstetrician-gynecologists. Am J Prev Med. 2013 Aug;45(2):175-81. doi: 10.1016/j.amepre.2013.03.019. PubMed PMID: 23867024. **http://www.ncbi.nlm.nih.gov/pubmed/23867024**

Bonus articles

Kay M. Screening with acetic acid could prevent 22 000 deaths from cervical cancer in India every year. BMJ. 2013 Jun 17;346:f3935. doi: 10.1136/bmj.f3935. PubMed PMID: 23775857.

http://www.ncbi.nlm.nih.gov/pubmed/23775857

US Preventive Services Task Force. Screening for Cervical Cancer.

http://www.uspreventiveservicestaskforce.org/uspstf/uspscerv.htm

Advisory Committee for Immunization Practices (ACIP). Human Papillomavirus (HPV) ACIP Vaccine Recommendations

http://www.cdc.gov/vaccines/hcp/acip-recs/vacc-specific/hpv.html

9. Sept. 17 – UV Exposure

Group	Article
4.	Lazovich D, Vogel RI, Berwick M, Weinstock MA, Warshaw EM, Anderson KE. Melanoma risk in relation to use of sunscreen or other sun protection methods. Cancer Epidemiol Biomarkers Prev. 2011 Dec;20(12):2583-93. doi: 10.1158/1055-9965.EPI-11-0705. Epub 2011 Oct 20. PubMed PMID: 22016471. **http://www.ncbi.nlm.nih.gov/pubmed/22016471**
1.	Ferrucci LM, Cartmel B, Molinaro AM, Leffell DJ, Bale AE, Mayne ST. Indoor tanning and risk of early-onset basal cell carcinoma. J Am Acad Dermatol. 2012 Oct;67(4):552-62. doi: 10.1016/j.jaad.2011.11.940. Epub 2011 Dec 9. PubMed PMID: 22153793; PubMed Central PMCID: PMC3307842. **http://www.ncbi.nlm.nih.gov/pubmed/22153793**
2.	Hillhouse J, Turrisi R, Stapleton J, Robinson J. A randomized controlled trial of an appearance-focused intervention to prevent skin cancer. Cancer. 2008 Dec 1;113(11):3257-66. doi: 10.1002/cncr.23922. PubMed PMID: 18937268. **http://www.ncbi.nlm.nih.gov/pubmed/18937268**
3.	Cohen L, Brown J, Haukness H, Walsh L, Robinson JK. Sun protection counseling by pediatricians has little effect on parent and child sun protection behavior. J Pediatr. 2013 Feb;162(2):381-6. doi: 10.1016/j.jpeds.2012.07.045. Epub 2012 Sep3. PubMed PMID: 22954897; PubMed Central PMCID: PMC3547152. **http://www.ncbi.nlm.nih.gov/pubmed/22954897**

Bonus articles

Youth Skin Cancer Prevention Act (HB 18, NC General Assembly 2013-14 Session)

http://www.ncga.state.nc.us/Sessions/2013/Bills/House/PDF/H18v2.pdf

Moyer VA; U.S. Preventive Services Task Force. Behavioral counseling to prevent skin cancer: U.S. Preventive Services Task Force recommendation statement. Ann Intern Med. 2012 Jul 3;157(1):59-65. doi:10.7326/0003-4819-157-1-201207030-00442. Review. PubMed PMID: 22751761.

http://www.ncbi.nlm.nih.gov/pubmed/22751761

US Preventive Services Task Force: Screening for Skin Cancer

http://www.uspreventiveservicestaskforce.org/uspstf/uspsskca.htm

10. Sept. 19 – Early Detection Basics

Group	Article
4.	Woods WG, Gao RN, Shuster JJ, et al. Screening of infants and mortality due to neuroblastoma. N Engl J Med. 2002 Apr 4;346(14):1041-6. **http://www.ncbi.nlm.nih.gov/pubmed/11932470**
1.	Bleyer A, Welch HG. Effect of three decades of screening mammography on breast-cancer incidence. N Engl J Med. 2012 Nov 22;367(21):1998-2005. doi:10.1056/NEJMoa1206809. PubMed PMID: 23171096. **http://www.ncbi.nlm.nih.gov/pubmed/23171096**
2.	Wegwarth O, Schwartz LM, Woloshin S, Gaissmaier W, Gigerenzer G. Do physicians understand cancer screening statistics? A national survey of primary care physicians in the United States. Ann Intern Med. 2012 Mar 6;156(5):340-9. PubMed PMID: 22393129. **http://www.ncbi.nlm.nih.gov/pubmed/22393129**
3.	Schwartz LM, Woloshin S, Fowler FJ Jr, Welch HG. Enthusiasm for cancer screening in the United States. JAMA. 2004 Jan 7;291(1):71-8. **http://www.ncbi.nlm.nih.gov/pubmed/14709578**

Bonus articles

Etzioni R, Gulati R, Cooperberg MR, et al. Limitations of basing screening policies on screening trials: The US Preventive Services Task Force and prostate cancer screening. Med Care. 2013;51:295–300 doi: 10.1097/MLR.0b013e31827da979. PMID: 23269114

http://www.ncbi.nlm.nih.gov/pubmed/23269114

Melnikow J, LeFever M, Wilt T, et al. Counterpoint: randomized trials provide the strongest evidence for clinical guidelines: US Preventive Services Task Force and prostate cancer screening. Med Care. 2013 Apr;51(4):301-3. doi: 10.1097/MLR.0b013e31828a67d3.PMID: 23481031

http://www.ncbi.nlm.nih.gov/pubmed/23481031

11. Sept. 24 – Prostate Cancer Screening - Evidence

Group	Article
3.	Penney KL, Stampfer MJ, Jahn JL, Sinnott JA, Flavin R, Rider JR, Finn S, Giovannucci E, Sesso HD, Loda M, Mucci LA, Fiorentino M. Gleason Grade

	Progression Is Uncommon. Cancer Res. 2013 Aug 15;73(16):5163-5168. PubMed PMID:23946472. **http://www.ncbi.nlm.nih.gov/pubmed/23946472**
4.	Schröder FH, Hugosson J, Roobol MJ, Tammela TL, Ciatto S, Nelen V, Kwiatkowski M, Lujan M, Lilja H, Zappa M, Denis LJ, Recker F, Páez A, Määttänen L, Bangma CH, Aus G, Carlsson S, Villers A, Rebillard X, van der Kwast T, Kujala PM, Blijenberg BG, Stenman UH, Huber A, Taari K, Hakama M, Moss SM, de Koning HJ, Auvinen A; ERSPC Investigators. Prostate-cancer mortality at 11 years of follow-up. N Engl J Med. 2012 Mar 15;366(11):981-90. **http://www.ncbi.nlm.nih.gov/pubmed/22417251**
2.	Andriole GL, Crawford ED, Grubb RL 3rd, Buys SS, Chia D, Church TR, Fouad MN, Isaacs C, Kvale PA, Reding DJ, Weissfeld JL, Yokochi LA, O'Brien B, Ragard LR, Clapp JD, Rathmell JM, Riley TL, Hsing AW, Izmirlian G, Pinsky PF, Kramer BS, Miller AB, Gohagan JK, Prorok PC; PLCO Project Team. Prostate cancer screening in the randomized Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial: mortality results after 13 years of follow-up. J Natl Cancer Inst. 2012 Jan 18;104(2):125-32. Epub 2012 Jan 6. **http://www.ncbi.nlm.nih.gov/pubmed/22228146**
1.	Carlsson S, Vickers AJ, Roobol M, Eastham J, Scardino P, Lilja H, Hugosson J. Prostate cancer screening: facts, statistics, and interpretation in response to the US Preventive Services Task Force Review. J Clin Oncol. 2012 Jul 20;30(21):2581-4. doi: 10.1200/JCO.2011.40.4327. Epub 2012 Jun 18. PubMed PMID: 22711853; PubMed Central PMCID: PMC3413273. **http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3413273/**

Bonus articles

Wender R, Fontham ET, Barrera E Jr, Colditz GA, Church TR, Ettinger DS, Etzioni R, Flowers CR, Scott Gazelle G, Kelsey DK, Lamonte SJ, Michaelson JS, Oeffinger KC, Shih YC, Sullivan DC, Travis W, Walter L, Wolf AM, Brawley OW, Smith RA. American Cancer Society lung cancer screening guidelines. CA Cancer J Clin. 2013 Jan 11. doi: 10.3322/caac.21172. [Epub ahead of print] PubMed PMID:23315954.

http://www.ncbi.nlm.nih.gov/pubmed/23315954

US Preventive Services Task Force. Screening for Prostate Cancer (2012)

http://www.uspreventiveservicestaskforce.org/prostatecancerscreening.htm

Basch E, Oliver TK, Vickers A, Thompson I, Kantoff P, Parnes H, Loblaw DA, Roth B, Williams J, Nam RK. Screening for Prostate Cancer With Prostate-Specific Antigen Testing: American Society of Clinical Oncology Provisional Clinical Opinion. J Clin Oncol. 2012 Jul 16. [Epub ahead of print] PubMed PMID: 22802323.

http://www.ncbi.nlm.nih.gov/pubmed/22802323

NC General Statue - Mandated PSA screening coverage
http://ncga.state.nc.us/enactedlegislation/statutes/html/bysection/chapter_58/gs_58-51-58.html

12. Sept. 26 – Prostate Cancer Screening – Intervention

Group	Article
3.	Pollack CE, Noronha G, Green GE, Bhavsar NA, Carter HB. Primary care providers' response to the US Preventive Services Task Force draft recommendations on screening for prostate cancer. Arch Intern Med. 2012 Apr 23;172(8):668-70. doi: 10.1001/archinternmed.2012.135. PubMed PMID: 22529237;PubMed Central PMCID: PMC3359062. **http://www.ncbi.nlm.nih.gov/pubmed/22529237**
1.	Squiers LB, Bann CM, Dolina SE, Tzeng J, McCormack L, Kamerow D. Prostate-Specific Antigen Testing: Men's Responses to 2012 Recommendation Against Screening. Am J Prev Med. 2013 Aug;45(2):182-9. doi:10.1016/j.amepre.2013.04.005. PubMed PMID: 23867025. **http://www.ncbi.nlm.nih.gov/pubmed/23867025**
4.	Ross JS, Wang R, Long JB, Gross CP, Ma X. Impact of the 2008 US Preventive Services Task Force recommendation to discontinue prostate cancer screening among male Medicare beneficiaries. Arch Intern Med. 2012 Nov 12;172(20):1601-3. doi:10.1001/archinternmed.2012.3726. PubMed PMID: 22987029; PubMed Central PMCID:PMC3597450. **http://www.ncbi.nlm.nih.gov/pubmed/22987029**
2.	Taylor KL, Williams RM, Davis K, Luta G, Penek S, Barry S, Kelly S, Tomko C, Schwartz M, Krist AH, Woolf SH, Fishman MB, Cole C, Miller E. Decision Making in Prostate Cancer Screening Using Decision Aids vs Usual Care: A Randomized Clinical Trial. JAMA Intern Med. 2013 Jul 29. doi:10.1001/jamainternmed.2013.9253. [Epub ahead of print] PubMed PMID: 23896732. **http://www.ncbi.nlm.nih.gov/pubmed/23896732**

13. Oct 1. – Debate

No Readings

14. Oct 3. -- Debate

No Readings

15. Oct. 8 -- Guest Lecture: GYN Cancer – Dr. Vickie Bae Jump

Readings TBA

16. Oct. 10 – Guest Lecture: Breast Cancer – Dr. Carey Anders

Reading TBA

17. Oct. 15 – Lung Cancer Screening

Group	Article
2.	International Early Lung Cancer Action Program Investigators, Henschke CI, Yankelevitz DF, Libby DM, Pasmantier MW, Smith JP, Miettinen OS. Survival of patients with stage I lung cancer detected on CT screening. N Engl J Med. 2006 Oct 26;355(17):1763-71. Erratum in: N Engl J Med. 2008 Aug 21;359(8):877. N Engl J Med. 2008 Apr 24;358(17):1862. N Engl J Med. 2008 Apr 24;358(17):1875. PubMed PMID: 17065637. **http://www.ncbi.nlm.nih.gov/pubmed/17065637**
3.	Reduced lung-cancer mortality with low-dose computed tomographic screening. N Engl J Med. 2011 Aug 4;365(5):395-409. Epub 2011 Jun 29. PubMed PMID: 21714641. **http://www.ncbi.nlm.nih.gov/pubmed/21714641**
4.	Bach PB, Mirkin JN, Oliver TK, Azzoli CG, Berry DA, Brawley OW, Byers T, Colditz GA, Gould MK, Jett JR, Sabichi AL, Smith-Bindman R, Wood DE, Qaseem A, Detterbeck FC. Benefits and harms of CT screening for lung cancer: a systematic review. JAMA. 2012 Jun 13;307(22):2418-29. Review. PubMed PMID: 22610500. **http://www.ncbi.nlm.nih.gov/pubmed/22610500**
1.	Kovalchik SA, Tammemagi M, Berg CD, Caporaso NE, Riley TL, Korch M, Silvestri GA, Chaturvedi AK, Katki HA. Targeting of low-dose CT screening according to the risk of lung-cancer death. N Engl J Med. 2013 Jul 18;369(3):245-54. doi:10.1056/NEJMoa1301851. PubMed PMID: 23863051. **http://www.ncbi.nlm.nih.gov/pubmed/23863051**

Bonus articles

US Preventive Services Task Force. Draft Recommendation – Lung Cancer Screening

http://www.uspreventiveservicestaskforce.org/draftrec.htm

Wender R, Fontham ET, Barrera E Jr, Colditz GA, Church TR, Ettinger DS, Etzioni R, Flowers CR, Scott Gazelle G, Kelsey DK, Lamonte SJ, Michaelson JS, Oeffinger KC, Shih YC, Sullivan DC, Travis W, Walter L, Wolf AM, Brawley OW, Smith RA. American Cancer

Society lung cancer screening guidelines. CA Cancer J Clin. 2013 Jan 11. doi: 10.3322/caac.21172. [Epub ahead of print] PubMed PMID:23315954.

http://www.ncbi.nlm.nih.gov/pubmed/23315954

Oct. 17 - Fall Break

No Class, No Readings

18. Oct. 22 – Chemoprevention: Breast Cancer

Group	Article
1.	Vogel VG, Costantino JP, Wickerham DL, Cronin WM, Cecchini RS, Atkins JN, Bevers TB, Fehrenbacher L, Pajon ER, Wade JL 3rd, Robidoux A, Margolese RG, James J, Runowicz CD, Ganz PA, Reis SE, McCaskill-Stevens W, Ford LG, Jordan VC, Wolmark N; National Surgical Adjuvant Breast and Bowel Project. Update of the National Surgical Adjuvant Breast and Bowel Project Study of Tamoxifen and Raloxifene (STAR) P-2 Trial: Preventing breast cancer. Cancer Prev Res (Phila Pa). 2010 Jun;3(6):696-706. Epub 2010 Apr 19. PubMed PMID: 20404000; PubMed **http://www.ncbi.nlm.nih.gov/pubmed/20404000**
3.	Freedman AN, Yu B, Gail MH, Costantino JP, Graubard BI, Vogel VG, Anderson GL, McCaskill-Stevens W. Benefit/risk assessment for breast cancer chemoprevention with raloxifene or tamoxifen for women age 50 years or older. J Clin Oncol. 2011 Jun 10;29(17):2327-33. Epub 2011 May 2. PubMed PMID: 21537036; PubMed Central PMCID: PMC3107748. **http://www.ncbi.nlm.nih.gov/pubmed/21537036**
2.	Waters EA, McNeel TS, Stevens WM, Freedman AN. Use of tamoxifen and raloxifene for breast cancer chemoprevention in 2010. Breast Cancer Res Treat. 2012 Jul;134(2):875-80. Epub 2012 May 24. PubMed PMID: 22622807. **http://www.ncbi.nlm.nih.gov/pubmed/22622807**
4.	Fagerlin A, Dillard AJ, Smith DM, Zikmund-Fisher BJ, Pitsch R, McClure JB, Greene S, Alford SH, Nair V, Hayes DF, Wiese C, Ubel PA. Women's interest in taking tamoxifen and raloxifene for breast cancer prevention: response to a tailored decision aid. Breast Cancer Res Treat. 2011 Jun;127(3):681-8. Epub 2011 Mar 26. PubMed PMID: 21442198. **http://www.ncbi.nlm.nih.gov/pubmed/21442198**

Bonus articles

US Preventive Services Task Force. Draft Recommendation – Medications for Risk Reduction of Primary Breast Cancer in Women: U.S. Preventive Services Task Force Recommendation Statement

http://www.uspreventiveservicestaskforce.org/uspstf13/breastcanmeds/breastcanmedsdraftrec.htm

Visvanathan K, Chlebowski RT, Hurley P, Col NF, Ropka M, Collyar D, Morrow M, Runowicz C, Pritchard KI, Hagerty K, Arun B, Garber J, Vogel VG, Wade JL, Brown P, Cuzick J, Kramer BS, Lippman SM; American Society of Clinical Oncology. American society of clinical oncology clinical practice guideline update on the use of pharmacologic interventions including tamoxifen, raloxifene, and aromatase inhibition for breast cancer risk reduction. J Clin Oncol. 2009 Jul 1;27(19):3235-58. Epub 2009 May 26. PubMed PMID: 19470930; PubMed Central PMCID: PMC2716943.

http://www.ncbi.nlm.nih.gov/pubmed/19470930

19. Oct. 24 – Chemoprevention: Colon Cancer

Group	Article
2.	Baron JA, Cole BF, Sandler RS, Haile RW, Ahnen D, Bresalier R, McKeown-Eyssen G, Summers RW, Rothstein R, Burke CA, Snover DC, Church TR, Allen JI, Beach M, Beck GJ, Bond JH, Byers T, Greenberg ER, Mandel JS, Marcon N, Mott LA, Pearson L, Saibil F, van Stolk RU. A randomized trial of aspirin to prevent colorectal adenomas. N Engl J Med. 2003 Mar 6;348(10):891-9. PubMed PMID: 12621133. **http://www.ncbi.nlm.nih.gov/pubmed/12621133**
4.	Bertagnolli MM, Eagle CJ, Zauber AG, Redston M, Solomon SD, Kim K, Tang J, Rosenstein RB, Wittes J, Corle D, Hess TM, Woloj GM, Boisserie F, Anderson WF, Viner JL, Bagheri D, Burn J, Chung DC, Dewar T, Foley TR, Hoffman N, Macrae F, Pruitt RE, Saltzman JR, Salzberg B, Sylwestrowicz T, Gordon GB, Hawk ET; APC Study Investigators. Celecoxib for the prevention of sporadic colorectal adenomas. N Engl J Med. 2006 Aug 31;355(9):873-84. PubMed PMID: 16943400. **http://www.ncbi.nlm.nih.gov/pubmed/16943400**
3.	Rothwell PM, Price JF, Fowkes FG, Zanchetti A, Roncaglioni MC, Tognoni G, Lee R, Belch JF, Wilson M, Mehta Z, Meade TW. Short-term effects of daily aspirin on cancer incidence, mortality, and non-vascular death: analysis of the time course of risks and benefits in 51 randomised controlled trials. Lancet. 2012 Apr28;379(9826):1602-12. doi: 10.1016/S0140-6736(11)61720-0. Epub 2012 Mar 21. Review. PubMed PMID: 22440946. **http://www.ncbi.nlm.nih.gov/pubmed/22440946**

1.	Gaziano JM, Sesso HD, Christen WG, Bubes V, Smith JP, MacFadyen J, Schvartz M, Manson JE, Glynn RJ, Buring JE. Multivitamins in the prevention of cancer in men: the Physicians' Health Study II randomized controlled trial. JAMA. 2012 Nov 14;308(18):1871-80. PubMed PMID: 23162860; PubMed Central PMCID: PMC3517179. **http://www.ncbi.nlm.nih.gov/pubmed/23162860**

Bonus articles

US Preventive Services Task Force. Routine Aspirin or Nonsteroidal Anti-inflammatory Drugs for the Primary Prevention of Colorectal Cancer

http://www.uspreventiveservicestaskforce.org/uspstf/uspsasco.htm

US Preventive Services Task Force. Aspirin for the Prevention of Cardiovascular Disease

http://www.uspreventiveservicestaskforce.org/uspstf/uspsasmi.htm

US Preventive Services Task Force. Routine Vitamin Supplementation to Prevent Cancer and Cardiovascular Disease

http://www.uspreventiveservicestaskforce.org/uspstf/uspsvita.htm

20. Oct. 29 – Tobacco Control: Evidence

Group	Article
2.	Thun MJ, Carter BD, Feskanich D, Freedman ND, Prentice R, Lopez AD, Hartge P, Gapstur SM. 50-year trends in smoking-related mortality in the United States. N Engl J Med. 2013 Jan 24;368(4):351-64. doi: 10.1056/NEJMsa1211127. PubMed PMID:23343064. **http://www.ncbi.nlm.nih.gov/pubmed/23343064**
4.	Moolgavkar SH, Holford TR, Levy DT, Kong CY, Foy M, Clarke L, Jeon J, Hazelton WD, Meza R, Schultz F, McCarthy W, Boer R, Gorlova O, Gazelle GS, Kimmel M, McMahon PM, de Koning HJ, Feuer EJ. Impact of reduced tobacco smoking on lung cancer mortality in the united states during 1975-2000. J Natl Cancer Inst. 2012 Apr 4;104(7):541-8. Epub 2012 Mar 14. PMID: 22423009 **http://www.ncbi.nlm.nih.gov/pubmed/22423009**
3.	Jha P, Ramasundarahettige C, Landsman V, Rostron B, Thun M, Anderson RN, McAfee T, Peto R. 21st-century hazards of smoking and benefits of cessation in the United States. N Engl J Med. 2013 Jan 24;368(4):341-50. doi: 10.1056/NEJMsa1211128. PubMed PMID: 23343063. **http://www.ncbi.nlm.nih.gov/pubmed/23343063**

1.	Villanti AC, Richardson A, Vallone DM, Rath JM. Flavored tobacco product use among U.S. young adults. Am J Prev Med. 2013 Apr;44(4):388-91. PubMed PMID: 23498105. **http://www.ncbi.nlm.nih.gov/pubmed/23498105**

Bonus articles

Centers for Disease Control and Prevention (CDC). Current cigarette smoking among adults - United States, 2011. MMWR Morb Mortal Wkly Rep. 2012 Nov 9;61(44):889-94. PubMed PMID: 23134971.

http://www.ncbi.nlm.nih.gov/pubmed/23134971

Centers for Disease Control and Prevention (CDC). Current tobacco use among middle and high school students - United States, 2011. MMWR Morb Mortal Wkly Rep. 2012 Aug 10;61:581-5. PubMed PMID: 22874835.

http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6131a1.htm?s_cid=mm6131a1_w

Nelson DE, Mowery P, Asman K, Pederson LL, O'Malley PM, Malarcher A, Maibach EW, Pechacek TF. Long-term trends in adolescent and young adult smoking in the United States: metapatterns and implications. Am J Public Health. 2008 May;98(5):905-15.

http://www.ncbi.nlm.nih.gov/pubmed/18382001

Oberg M, Jaakkola MS, Woodward A, Peruga A, Prüss-Ustün A. Worldwide burden of disease from exposure to second-hand smoke: a retrospective analysis of data from 192 countries. Lancet. 2011 Jan 8;377(9760):139-46. PubMed PMID: 21112082.

http://www.ncbi.nlm.nih.gov/pubmed/21112082

Giovino GA, Mirza SA, Samet JM, Gupta PC, Jarvis MJ, Bhala N, Peto R, Zatonski W, Hsia J, Morton J, Palipudi KM, Asma S; GATS Collaborative Group. Tobacco use in 3 billion individuals from 16 countries: an analysis of nationally representative cross-sectional household surveys. Lancet. 2012 Aug 18;380(9842):668-79. doi: 10.1016/S0140-6736(12)61085-X. Review. Erratum in: Lancet. 2012 Dec 1;380(9857):1908. PubMed PMID: 22901888.

http://www.ncbi.nlm.nih.gov/pubmed/22901888

21. Oct. 31 – Tobacco Control: Intervention

Group	Article
1.	Ert E, Yechiam E, Arshavsky O. Smokers' decision making: more than mere risk taking. PLoS One. 2013 Jul 2;8(7):e68064. PMCID: PMC3699454. PMID: 23844156 [PubMed - in process] **http://www.ncbi.nlm.nih.gov/pubmed/23844156**
2.	Farrelly MC, Duke JC, Davis KC, Nonnemaker JM, Kamyab K, Willett JG, Juster HR. Promotion of smoking cessation with emotional and/or graphic antismoking advertising.

	Am J Prev Med. 2012 Nov;43(5):475-82. PubMed PMID: 23079169. **http://www.ncbi.nlm.nih.gov/pubmed/23079169**
3.	Gonzales D, Rennard SI, Nides M, Oncken C, Azoulay S, Billing CB, Watsky EJ, Gong J, Williams KE, Reeves KR; Varenicline Phase 3 Study Group. Varenicline, an alpha4beta2 nicotinic acetylcholine receptor partial agonist, vs sustained-release bupropion and placebo for smoking cessation: a randomized controlled trial. JAMA. 2006 Jul 5;296(1):47-55. **http://www.ncbi.nlm.nih.gov/pubmed/16908788**
4.	Vidrine JI, Shete S, Cao Y, Greisinger A, Harmonson P, Sharp B, Miles L, Zbikowski SM, Wetter DW. Ask-Advise-Connect: a new approach to smoking treatment delivery in health care settings. JAMA Intern Med. 2013 Mar 25;173(6):458-64.doi: 10.1001/jamainternmed.2013.3751. PubMed PMID: 23440173. **http://www.ncbi.nlm.nih.gov/pubmed/23440173**

Bonus articles

Jamal A, Dube SR, Malarcher AM, Shaw L, Engstrom MC; Centers for Disease Control and Prevention (CDC). Tobacco use screening and counseling during physician office visits among adults--National Ambulatory Medical Care Survey and National Health Interview Survey, United States, 2005-2009. MMWR Morb Mortal Wkly Rep. 2012 Jun 15;61 Suppl:38-45. PubMed PMID: 22695462.

http://www.ncbi.nlm.nih.gov/pubmed/22695462

US Preventive Services Task Force.. Counseling and Interventions to Prevent Tobacco Use and Tobacco-Caused Disease in Adults and Pregnant Women

http://www.uspreventiveservicestaskforce.org/uspstf/uspstbac2.htm

US Preventive Services Task Force. Draft Recommendation. Interventions to Prevent Tobacco Use in Children and Adolescents: U.S. Preventive Services Task Force Recommendation Statement

http://www.uspreventiveservicestaskforce.org/uspstf12/tobacco/tbacdraftrec.htm

Peterson AV Jr, Kealey KA, Mann SL, Marek PM, Sarason IG. Hutchinson Smoking Prevention Project: long-term randomized trial in school-based tobacco use prevention--results on smoking. J Natl Cancer Inst. 2000 Dec 20;92(24):1979-91.

http://www.ncbi.nlm.nih.gov/pubmed/11121460

22. Nov. 5 – Tobacco Control: Policy

Group	Article
3.	Frieden TR, Mostashari F, Kerker BD, Miller N, Hajat A, Frankel M. Adult tobacco use levels after intensive tobacco control measures: New York City, 2002-2003. Am J

	Public Health. 2005 Jun;95(6):1016-23. **http://www.ncbi.nlm.nih.gov/pubmed/15914827**
2.	Herman PM, Walsh ME. Hospital admissions for acute myocardial infarction, angina, stroke, and asthma after implementation of Arizona's comprehensive statewide smoking ban. Am J Public Health. 2011 Mar;101(3):491-6. Epub 2010 May 13. PubMed PMID: 20466955. **http://www.ncbi.nlm.nih.gov/pubmed/20466955**
4.	Messer K, Pierce JP. Changes in age trajectories of smoking experimentation during the California Tobacco Control Program. Am J Public Health. 2010 Jul;100(7):1298-306. Epub 2009 Nov 17. PubMed PMID: 19965566. **http://www.ncbi.nlm.nih.gov/pubmed/19965566**
1.	Grucza RA, Plunk AD, Hipp PR, Cavazos-Rehg P, Krauss MJ, Brownson RC, Bierut LJ. Long-Term Effects of Laws Governing Youth Access to Tobacco. Am J Public Health. 2013 Jun 13. [Epub ahead of print] PubMed PMID: 23763414. **http://www.ncbi.nlm.nih.gov/pubmed/23763414**

Bonus articles

Session Law 2013-165 (SB 530) An Act to Prohibit the Distribution of Tobacco-Derived Products and Vapor Products to Minors.

http://www.uspreventiveservicestaskforce.org/uspstf/uspstbac2.htm

Centers for Disease Control and Prevention (CDC). State tobacco revenues compared with tobacco control appropriations--United States, 1998-2010. MMWR Morb Mortal Wkly Rep. 2012 May 25;61(20):370-4. PubMed PMID: 22622092.

http://www.ncbi.nlm.nih.gov/pubmed/22622092

Centers for Disease Control and Prevention (CDC). State cigarette excise taxes - United States, 2010-2011. MMWR Morb Mortal Wkly Rep. 2012 Mar 30;61(12):201-4. PubMed PMID: 22456118.

http://www.ncbi.nlm.nih.gov/pubmed/22456118

Levy D, de Almeida LM, Szklo A. The Brazil SimSmoke Policy Simulation Model: The Effect of Strong Tobacco Control Policies on Smoking Prevalence and Smoking-Attributable Deaths in a Middle Income Nation. PLoS Med. 2012 Nov;9(11):e1001336. doi: 10.1371/journal.pmed.1001336. Epub 2012 Nov 6.

http://www.ncbi.nlm.nih.gov/pubmed/23139643

23. Nov. 7 –Diet and Physical Activity: Evidence

Group	Article
4.	Calle EE, Rodriguez C, Walker-Thurmond K, Thun MJ. Overweight, obesity, and mortality from cancer in a prospectively studied cohort of U.S. adults. N Engl J Med. 2003 Apr 24;348(17):1625-38. **http://www.ncbi.nlm.nih.gov/pubmed/12711737**
2.	Sampey BP, Vanhoose AM, Winfield HM, Freemerman AJ, Muehlbauer MJ, Fueger PT, Newgard CB, Makowski L. Cafeteria diet is a robust model of human metabolic syndrome with liver and adipose inflammation: comparison to high-fat diet. Obesity (Silver Spring). 2011 Jun;19(6):1109-17. Epub 2011 Feb 17. PubMed PMID: 21331068; PubMed Central PMCID: PMC3130193. **http://www.ncbi.nlm.nih.gov/pubmed/21331068**
1.	Mozaffarian D, Hao T, Rimm EB, Willett WC, Hu FB. Changes in diet and lifestyle and long-term weight gain in women and men. N Engl J Med. 2011 Jun 23;364(25):2392-404. doi: 10.1056/NEJMoa1014296. PubMed PMID: 21696306; PubMed Central PMCID: PMC3151731. **http://www.ncbi.nlm.nih.gov/pubmed/21696306**
3.	Kristal AR, Arnold KB, Neuhouser ML, Goodman P, Platz EA, Albanes D, Thompson IM. Diet, supplement use, and prostate cancer risk: results from the prostate cancer prevention trial. Am J Epidemiol. 2010 Sep 1;172(5):566-77. Epub 2010 Aug 6. **http://www.ncbi.nlm.nih.gov/pubmed/20693267**

Bonus articles

Messerli FH. Chocolate consumption, cognitive function, and Nobel laureates. N Engl J Med. 2012 Oct 18;367(16):1562-4. doi: 10.1056/NEJMon1211064. Epub 2012 Oct 10.

http://www.ncbi.nlm.nih.gov/pubmed/23050509

Colman RJ, Anderson RM, Johnson SC, Kastman EK, Kosmatka KJ, Beasley TM, Allison DB, Cruzen C, Simmons HA, Kemnitz JW, Weindruch R. Caloric restriction delays disease onset and mortality in rhesus monkeys. Science. 2009 Jul 10;325(5937):201-4.

http://www.ncbi.nlm.nih.gov/pubmed/19590001

Mattison JA, Roth GS, Beasley TM, Tilmont EM, Handy AM, Herbert RL, Longo DL, Allison DB, Young JE, Bryant M, Barnard D, Ward WF, Qi W, Ingram DK, de Cabo R. Impact of caloric restriction on health and survival in rhesus monkeys from the NIA study. Nature. 2012 Aug 29. doi: 10.1038/nature11432. [Epub ahead of print] PubMed PMID: 22932268.

http://www.ncbi.nlm.nih.gov/pubmed/22932268

Flegal KM, Kit BK, Orpana H, Graubard BI. Association of all-cause mortality with overweight and obesity using standard body mass index categories: a systematic review and meta-analysis. JAMA. 2013 Jan 2;309(1):71-82. doi:10.1001/jama.2012.113905. Review. PubMed PMID: 23280227.

http://www.ncbi.nlm.nih.gov/pubmed/23280227

Ogden CL, Carroll MD, Kit BK, Flegal KM. Prevalence of obesity and trends in body mass index among US children and adolescents, 1999-2010. JAMA. 2012 Feb 1;307(5):483-90. doi: 10.1001/jama.2012.40. Epub 2012 Jan 17. PubMed PMID:22253364.

http://www.ncbi.nlm.nih.gov/pubmed/22253364

Flegal KM, Carroll MD, Kit BK, Ogden CL. Prevalence of obesity and trends in the distribution of body mass index among US adults, 1999-2010. JAMA. 2012 Feb 1;307(5):491-7. doi: 10.1001/jama.2012.39. Epub 2012 Jan 17. PubMed PMID:22253363.

http://www.ncbi.nlm.nih.gov/pubmed/22253363

24. Nov. 12 – Diet and Physical Activity: Intervention

Group	Article
4.	Rock CL, Flatt SW, Sherwood NE, Karanja N, Pakiz B, Thomson CA. effect of a free prepared meal and incentivized weight loss program on weight loss and weight loss maintenance in obese and overweight women: A randomized controlled trial. JAMA. 2010 Oct 9. [Epub ahead of print] PubMed PMID: 20935338. **http://www.ncbi.nlm.nih.gov/pubmed/20935338**
3.	Alexander GL, McClure JB, Calvi JH, Divine GW, Stopponi MA, Rolnick SJ,Heimendinger J, Tolsma DD, Resnicow K, Campbell MK, Strecher VJ, Johnson CC; MENU Choices Team. A randomized clinical trial evaluating online interventions to improve fruit and vegetable consumption. Am J Public Health. 2010 Feb;100(2):319-26. Epub 2009 Dec 17. PubMed PMID: 20019315; PubMed Central PMCID: PMC2804654. **http://www.ncbi.nlm.nih.gov/pubmed/20019315**
1.	Jakicic JM, Tate DF, Lang W, Davis KK, Polzien K, Rickman AD, Erickson K, Neiberg RH, Finkelstein EA. Effect of a stepped-care intervention approach on weight loss in adults: a randomized clinical trial. JAMA. 2012 Jun 27;307(24):2617-26. Erratum in: JAMA. 2012 Jul 11;308(2):136. PubMed PMID: 22735431. **http://www.ncbi.nlm.nih.gov/pubmed/22735431**
2.	Wadden TA, Volger S, Sarwer DB, Vetter ML, Tsai AG, Berkowitz RI, Kumanyika S, Schmitz KH, Diewald LK, Barg R, Chittams J, Moore RH. A two-year randomized trial of obesity treatment in primary care practice. N Engl J Med. 2011 Nov 24;365(21):1969-79. Epub 2011 Nov 14. PubMed PMID: 22082239; PubMed Central PMCID:

	PMC3282598. **http://www.ncbi.nlm.nih.gov/pubmed/22082239**

Bonus articles

US Preventive Services Task Force: Screening for and Management of Obesity in Adults

http://www.uspreventiveservicestaskforce.org/uspstf/uspsobes.htm

US Preventive Services Task Force: Behavioral Counseling to Promote a Healthful Diet and Physical Activity for Cardiovascular Disease Prevention in Adults

http://www.uspreventiveservicestaskforce.org/uspstf/uspsphys.htm

Too good to be true? The seven minute workout. NYT Magazine, May 12, 2013.

http://well.blogs.nytimes.com/2013/05/09/the-scientific-7-minute-workout/?_r=0

Loprinzi PD, Cardinal BJ. Association between biologic outcomes and objectively measured physical activity accumulated in ≥ 10-minute bouts and <10-minute bouts. Am J Health Promot. 2013 Jan-Feb;27(3):143-51. doi:10.4278/ajhp.110916-QUAN-348. PubMed PMID: 23286590.

http://www.ncbi.nlm.nih.gov/pubmed/23286590

Estruch R, Ros E, Salas-Salvadó J, Covas MI, D Pharm, Corella D, Arós F, Gómez-Gracia E, Ruiz-Gutiérrez V, Fiol M, Lapetra J, Lamuela-Raventos RM, Serra-Majem L, Pintó X, Basora J, Muñoz MA, Sorlí JV, Martínez JA, Martínez-González MA, the PREDIMED Study Investigators. Primary prevention of cardiovascular disease with a mediterranean diet. N Engl J Med. 2013 Feb 25. [Epub ahead of print] PubMed PMID: 23432189.

http://www.ncbi.nlm.nih.gov/pubmed/23432189

Mason C, Xiao L, Duggan C, Imayama I, Foster-Schubert KE, Kong A, Campbell KL, Wang CY, Alfano CM, Blackburn GL, Pollack M, McTiernan A. Effects of dietary weight loss and exercise on insulin-like growth factor-1 and insulin-like growth factor binding protein-3 in postmenopausal women. Cancer Epidemiol Biomarkers Prev. 2013 Jun 11. [Epub ahead of print] PubMed PMID: 23756654.

http://www.ncbi.nlm.nih.gov/pubmed/23756654

25. Nov. 14 – Diet and Physical Activity: Policy

Group	Article
2.	Roberto CA, Larsen PD, Agnew H, Baik J, Brownell KD. Evaluating the impact of menu labeling on food choices and intake. Am J Public Health. 2010 Feb;100(2):312-8. Epub 2009 Dec 17. PubMed PMID: 20019307. **http://www.ncbi.nlm.nih.gov/pubmed/20019307**
1.	Elbel B, Kersh R, Brescoll VL, Dixon LB. Calorie labeling and food choices: a first look at the effects on low-income people in New York City. Health Aff (Millwood).

	2009 Nov-Dec;28(6):w1110-21. Epub 2009 Oct 6. PubMed PMID: 19808705. **http://www.ncbi.nlm.nih.gov/pubmed/19808705**
4.	Richardson AS, Boone-Heinonen J, Popkin BM, Gordon-Larsen P. Neighborhood fast food restaurants and fast food consumption: A national study. BMC Public Health. 2011 Jul 8;11(1):543. [Epub ahead of print] PubMed PMID: 21740571. **http://www.ncbi.nlm.nih.gov/pubmed/21740571**
3.	Qi Q, Chu AY, Kang JH, Jensen MK, Curhan GC, Pasquale LR, Ridker PM, Hunter DJ, Willett WC, Rimm EB, Chasman DI, Hu FB, Qi L. Sugar-sweetened beverages and genetic risk of obesity. N Engl J Med. 2012 Oct 11;367(15):1387-96. doi:10.1056/NEJMoa1203039. Epub 2012 Sep 21. PubMed PMID: 22998338; PubMed CentralPMCID: PMC3518794. **http://www.ncbi.nlm.nih.gov/pubmed/22998338**

Bonus articles

Commonsense Consumption Act SL2013-309. An Act to Bar Civil Actions Against Packers, Distributors, Manufacturers, Carriers, Holders, Sellers, Marketers, or Advertisers of Food Products That Comply with Applicable Statutory and Regulatory Requirements Based on Claims Arising Out of Weight Gain, Obesity, a Health Condition Associated with Weight Gain or Obesity, or Other Generally Known Condition Allegedly Caused By or Allegedly Likely to Result From Long-Term Consumption of Food; and to Clarify That Local Governments May Not Regulate the Size of Soft Drinks Offered for Sale.

http://ncga.state.nc.us/EnactedLegislation/SessionLaws/HTML/2013-2014/SL2013-309.html

Tal A, Wansink B. Fattening Fasting: Hungry Grocery Shoppers Buy More Calories, Not More Food. JAMA Intern Med. 2013 May 6:1-2. doi:10.1001/jamainternmed.2013.650. [Epub ahead of print] PubMed PMID: 23649173.

http://www.ncbi.nlm.nih.gov/pubmed/23649173

Wansink B, Shimizu M. Eating behaviors and the number of buffet trips: an observational study at all-you-can-eat Chinese restaurants. Am J Prev Med. 2013 Apr;44(4):e49-50. doi: 10.1016/j.amepre.2012.11.030. PubMed PMID: 23498113.

http://www.ncbi.nlm.nih.gov/pubmed/23498113

26. Nov. 19 – Survivorship: Dimensions

Group	Article
1.	de Moor JS, Mariotto AB, Parry C, Alfano CM, Padgett L, Kent EE, Forsythe L, Scoppa S, Hachey M, Rowland JH. Cancer survivors in the United States: prevalence across the survivorship trajectory and implications for care. Cancer Epidemiol Biomarkers Prev. 2013 Apr;22(4):561-70. doi: 10.1158/1055-9965.EPI-12-1356. Epub

	2013 Mar 27. PubMed PMID: 23535024; PubMed Central PMCID: PMC3654837. **http://www.ncbi.nlm.nih.gov/pubmed/23535024**
2.	Underwood JM, Townsend JS, Stewart SL, Buchannan N, Ekwueme DU, Hawkins NA, Li J, Peaker B, et al. Surveillance of demographic characteristics and health behaviors among adult cancer survivors—Behavioral Risk Factor Surveillance System, United States, 2009. MMWR Surveill Summ. 2012 Jan 20;61(1):1-23. PubMed PMID: 22258477 **http://www.ncbi.nlm.nih.gov/pubmed/22258477**
3.	Kent EE, Forsythe LP, Yabroff KR, Weaver KE, de Moor JS, Rodriguez JL, Rowland JH. Are survivors who report cancer-related financial problems more likely to forgo or delay medical care? Cancer. 2013 Jul 31. doi: 10.1002/cncr.28262. [Epub ahead of print] PubMed PMID: 23907958. **http://www.ncbi.nlm.nih.gov/pubmed/23907958**
4.	Cheung WY, Aziz N, Noone AM, Rowland JH, Potosky AL, Ayanian JZ, Virgo KS, Ganz PA, Stefanek M, Earle CC. Physician preferences and attitudes regarding different models of cancer survivorship care: a comparison of primary care providers and oncologists. J Cancer Surviv. 2013 Sep;7(3):343-54. doi: 10.1007/s11764-013-0281-y. Epub 2013 Mar 24. PubMed PMID: 23526165. **http://www.ncbi.nlm.nih.gov/pubmed/23526165**

Bonus articles

Sabatino SA, Thompson TD, Richardson LC, Miller J. Health insurance and other factors associated with mammography surveillance among breast cancer survivors: results from a national survey. Med Care. 2012 Mar;50(3):270-6. doi: 10.1097/MLR.0b013e318244d294. PubMed PMID: 22193416.

http://www.ncbi.nlm.nih.gov/pubmed/22193416

Neugut AI, Subar M, Wilde ET, Stratton S, Brouse CH, Hillyer GC, Grann VR, Hershman DL. Association between prescription co-payment amount and compliance with adjuvant hormonal therapy in women with early-stage breast cancer. J Clin Oncol. 2011 Jun 20;29(18):2534-42. Epub 2011 May 23. PubMed PMID: 21606426; PubMed Central PMCID: PMC3138633.

http://www.ncbi.nlm.nih.gov/pubmed/21606426

27. Nov. 21 – Survivorship: Intervention

Group	Article
2.	Pierce JP, Natarajan L, Caan BJ, Parker BA, Greenberg ER, Flatt SW, Rock CL, Kealey S, Al-Delaimy WK, Bardwell WA, Carlson RW, Emond JA, Faerber S, Gold EB, Hajek

	RA, Hollenbach K, Jones LA, Karanja N, Madlensky L, Marshall J, Newman VA, Ritenbaugh C, Thomson CA, Wasserman L, Stefanick ML. Influence of a diet very high in vegetables, fruit, and fiber and low in fat on prognosis following treatment for breast cancer: the Women's Healthy Eating and Living (WHEL) randomized trial. JAMA. 2007 Jul 18;298(3):289-98. **http://www.ncbi.nlm.nih.gov/pubmed/17635889**
3.	Andersen BL, Thornton LM, Shapiro CL, Farrar WB, Mundy BL, Yang HC, Carson WE 3rd. Biobehavioral, immune, and health benefits following recurrence for psychological intervention participants. Clin Cancer Res. 2010 Jun 15;16(12):3270-8. Epub 2010 Jun 8. Erratum in: Clin Cancer Res. 2010 Sep 1;16(17):4490. PubMed PMID: 20530702; PubMed Central PMCID: PMC2910547. **http://www.ncbi.nlm.nih.gov/pubmed/20530702**
1.	Grunfeld E, Julian JA, Pond G, Maunsell E, Coyle D, Folkes A, Joy AA, Provencher L, Rayson D, Rheaume DE, Porter GA, Paszat LF, Pritchard KI, Robidoux A, Smith S, Sussman J, Dent S, Sisler J, Wiernikowski J, Levine MN. Evaluating survivorship care plans: results of a randomized, clinical trial of patients with breast cancer. J Clin Oncol. 2011 Dec 20;29(36):4755-62. Epub 2011 Oct 31. PubMed PMID: 22042959. **http://www.ncbi.nlm.nih.gov/pubmed/22042959**
4.	Crew KD, Capodice JL, Greenlee H, Brafman L, Fuentes D, Awad D, Yann Tsai W, Hershman DL. Randomized, blinded, sham-controlled trial of acupuncture for the management of aromatase inhibitor-associated joint symptoms in women with early-stage breast cancer. J Clin Oncol. 2010 Mar 1;28(7):1154-60. Epub 2010 Jan 25. PubMed PMID: 20100963. **http://www.ncbi.nlm.nih.gov/pubmed/20100963**

Bonus articles

Forsythe LP, Kent EE, Weaver KE, Buchanan N, Hawkins NA, Rodriguez JL, Ryerson AB, Rowland JH. Receipt of psychosocial care among cancer survivors in the United States. J Clin Oncol. 2013 Jun 1;31(16):1961-9. doi: 10.1200/JCO.2012.46.2101. Epub 2013 Apr 22. PubMed PMID: 23610114; PubMed Central PMCID: PMC3661934.

http://www.ncbi.nlm.nih.gov/pubmed/23610114

Temel JS, Greer JA, Muzikansky A, Gallagher ER, Admane S, Jackson VA, Dahlin CM, Blinderman CD, Jacobsen J, Pirl WF, Billings JA, Lynch TJ. Early palliative care for patients with metastatic non-small-cell lung cancer. N Engl J Med. 2010 Aug 19;363(8):733-42. PubMed PMID: 20818875.

http://www.ncbi.nlm.nih.gov/pubmed/20818875

28. Nov. 26 – Research to Action

Group	Article
3.	Parascandola M. Cigarettes and the US Public Health Service in the 1950s. Am J Public Health. 2001 Feb;91(2):196-205. PubMed PMID: 11211627; PubMed Central PMCID: PMC1446538. **http://www.ncbi.nlm.nih.gov/pubmed/11211627**
1.	Glasgow RE, Lichtenstein E, Marcus AC. Why don't we see more translation of health promotion research to practice? Rethinking the efficacy-to-effectiveness transition. Am J Public Health. 2003 Aug;93(8):1261-7. **http://www.ncbi.nlm.nih.gov/pubmed/12893608**
4.	Deppen SA, Aldrich MC, Hartge P, Berg CD, Colditz GA, Petitti DB, Hiatt RA. Cancer screening: the journey from epidemiology to policy. Ann Epidemiol. 2012 Jun;22(6):439-45. doi: 10.1016/j.annepidem.2012.03.004. PubMed PMID: 22626002. **http://www.ncbi.nlm.nih.gov/pubmed/22626002**
2.	Woolf SH, Campos-Outcalt D. Severing the link between coverage policy and the US Preventive Services Task Force. JAMA. 2013 May 8;309(18):1899-900. doi:10.1001/jama.2013.3448. PubMed PMID: 23598788. **http://www.ncbi.nlm.nih.gov/pubmed/23598788**

Bonus article

Gawande A. Slow ideas. The New Yorker. July 29, 2013

Copy available in the Resources / Course Documents folder on the class website.

Nov. 28 Thanksgiving

No Class, No Readings. However…..

Daniel CR, Cross AJ, Graubard BI, Hollenbeck A, Park Y, Sinha R. Prospective investigation of poultry and fish intake in relation to cancer risk. Cancer Prev Res (Phila). 2011 Jul 29. [Epub ahead of print] PubMed PMID: 21803982.

http://www.ncbi.nlm.nih.gov/pubmed/21803982

29. Dec. 3 – Summary / Last Thoughts

No Readings